BIRCH, STEWART, KOLASCH & BIRCH, LLP P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

, PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:	Method for the cha	Method for the characterisation of nucleic acid molecules									
Fill in Appropriate	the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:										
Information -	The specification was filed on							as			
For Use Without	United States Applie			·			i				
Specification	and amended on						•) and/or			
Attached:	the specification was	s filed on	PCT/IE 03/00098					_as PCT			
		·····	; and was								
	amended on (if applicable)										
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one										
	year prior to this applica- prior to this application, date of this application representative or assigns patent or inventor's certi- application by me or my I hereby claim forei or inventor's certificate li a filing date before that o	ation, that the sa that the invention in any country more than twe ficate on this inv legal represental gn priority bene sted below and I	me was not in public on has not been patent of foreign to the Unite live months (six month cention has been filed tives or assigns, except fits under Title 35, Un have also identified bel	use or on sale in the or made the su ded States of Amer is for designs) pricin any country for as follows. States Code, § ow any foreign ap ow any foreign ap	the United Sta ubject of an inv rica on an ap or to this app.	ates of Americ ventor's certifor plication file lication, and to pited States of	ca more to icate issued by me that no a famerical fameri	than one year ted before the or my legal pplication for			
F	Prior Foreign Application(s)					BAN P	riority (Claimed			
Insert Priority Information:	2002/0544	IRELAND		JUNE 28,	2002		1 20				
Information: (if appropriate)	(Number)	(Country)		(Month/Day/	Year Filed)		Yes	L) No			
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	(Number)	(Country)		(Month/Day/	Year Filed)		Yes	No .			
	(Number)	(Country)		(Month/Day/	Year Filed)	-	Yes	No			
	,	` , , , ,		(, ,, ,							
	(Number)	(Country)		(Month /Day /	Voor Filed)	-	[] Yes	□ No			
	(Number) (Country) (Month/Day/Year Filed) I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provision										
Insert Provisional Application(s):	(Application Number)			(Filing Date)							
(if any)											
	(Application Number) (Filing Date)										
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:										
	Country		Application Number	τ	Date of Filing	(Month/Day/	Year)				
Insert Requested Information: (if appropriate)											
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.										
Insert Prior U.S. Application(s): (if any)	(Application Number)	(Filing Date)	((Status - paten	ted, pending,	abandon	ed)			
Page 1 of 2 (Rev. 05/2004)	(Application Number)		Filing Date)	(Status - paten	ted, pending,	abandon	ed)			

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

CUSTOMER NO. 02292 (BIRCH, STEWART, KOLASCH & BIRCH, LLP)
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

all Name of First or Sole Inventur: sert Name of Inventor sert Date This Document is Signification	SATETICK MARTIN VAUGHAME	INVENTOR'S SIGNATURE		DATE*					
nsert Residence	Residence (City, State & Country) 7 Glenageary Lodge, Glenageary, Co		CITIZENSHIP Irish	* 3/2/03					
ssert Post Office Address →	MAILING ADDRESS (Complete Street Address including City, State & Country) 7 Glenageary Lodge, Glenageary, County Dublin, Ireland.								
ull Name of Second Inventor, if any: see above	GIVEN NAME/FAMILY NAME THOMAS VALENTINE McCARTHY	INVENTOR'S SIGNATURE	Mry.	DATE*					
260	Residence (City, State & Country) Vista Villa, Montenotte, Cork, Ire	CTTIZENSHIP Irish							
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ull Name of Third Invertor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
	Residence (City, State & Country)		CITIZENSHIP	,					
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
full Name of Fourth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
	Residence (City, State & Country)	CITIZENSHIP							
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
full Name of Fifth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
	Residence (City, State & Country)	CITIZENSHIP							
	MAILING ADDRESS (Complete Street Address i	-							
Full Name of Sixth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
	Residence (City, State & Country)	CTTIZENSHIP							
	MAILING ADDRESS (Complete Street Address i	including City, State & Country)		-					

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*DATE OF SIGNATURE